

Product Datasheet

TBK1 Antibody (108A429) - Azide and BSA Free NBP2-33243

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-33243

TBK1 Antibody (108A429) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	108A429
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS - BSA free
Target Molecular Weight	84 kDa

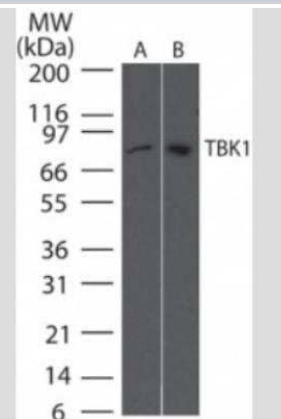
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse TBK1 Antibody (108A429) - Azide and BSA Free (NB100-56705) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	29110
Gene Symbol	TBK1
Species	Human, Mouse, Rat, Bovine, Canine
Immunogen	A synthetic peptide corresponding to amino acids 563-577 (YYQFKKDKAERRLAYC) of human TBK1 was used as immunogen for this antibody (NP_037386).

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1-2 ug/ml, Simple Western, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10-1:500, Knockout Validated
Application Notes	In Western Blot this antibody detects a band at 80 kDa. In Simple Western only 10-15 uL of the recommended dilution is used per data point.

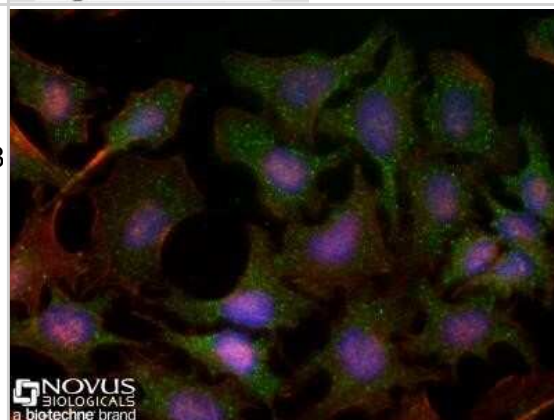


Images

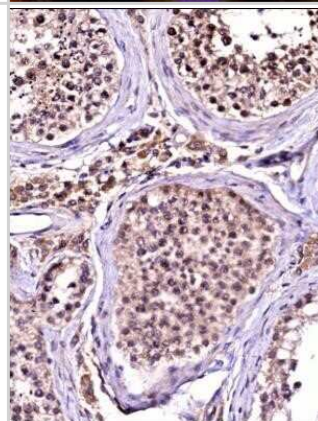
Western Blot: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Human Daudi (A) and mouse RAW (B) cell lysate probed with TBK1 antibody at 2 ug/ml.



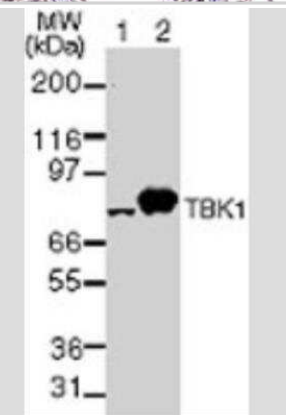
Immunocytochemistry/Immunofluorescence: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-TBK1 at 20 ug/ml overnight at 4C and detected with an anti-mouse DyLight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image using the standard format of this product.



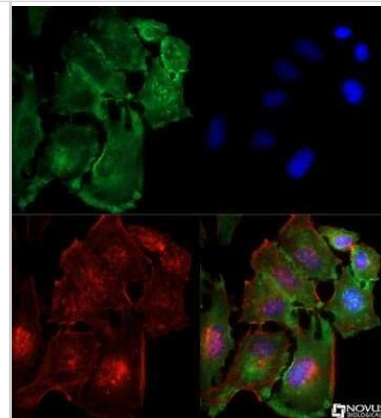
Immunohistochemistry-Paraffin: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Analysis of FFPE human testis tissue section using Peripheral Node Addressin antibody (clone MECA-79R) at 1:200. The staining was developed with HRP-DAB detection method and the counterstaining was performed using hematoxylin. Image using the standard format of this product.



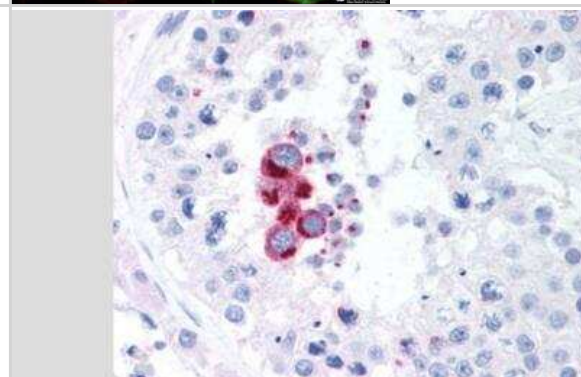
Western Blot: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Lysate from 293 cells untransfected (lane 1) and transfected with human TBK1 cDNA (lane 2) probed with TBK1 antibody at 2 ug/ml.



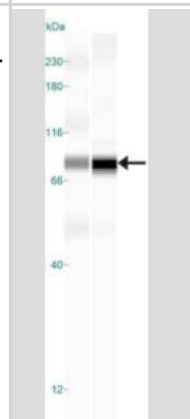
Immunocytochemistry/Immunofluorescence: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). A dilution of 1:10 was used. Image objective 40x. Image using the standard format of this product.



Immunohistochemistry: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Staining on human testis (Formalin-Fixed Paraffin-Embedded (FFPE))



Simple Western: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Western Blot: NAK Antibody (108A429) [NB100-56705] - Simple Western lane view shows a specific band for NAK/TBK1 in 0.5 mg/ml of Daudi (left) and Raw 264.7 (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. * Non-specific interaction with the 230 kDa Simple Western standard may be seen with this antibody





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Products Related to NBP2-33243

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-55777PEP	TBK1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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